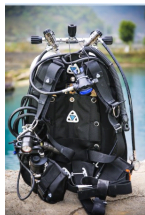


EZDIVE SEAL/Chameleon BCD MANUAL



Congratulations on purchasing a EZDIVE BCD. We are confident that you will enjoy extraordinary performance from our BCD which is designed and manufactured using the most advanced technology.

We thank you for choosing EZDIVE and wish you a future of safe dives and underwater enjoyment!

If you have additional questions after reading through the manual, please do not hesitate to contact us via email 'ez_diving@hotmail.com'



WARNING

This manual must be read and understood entirely before using the product. It is advised that you keep this manual in your possession during the entire life of your BCD



WARNING

When diving you must follow the rules

and apply the skills taught by a recognized scuba diving Certification agency. Before taking part in any diving activity, it is mandatory to have successfully completed a scuba diving course covering both theoretical and

technical aspects of diving.

This instruction manual does not replace a diving instruction course!



2. CE CERTIFICATION

All EZDIVE BCD described in this manual have obtained the CE certification issued by RIN according to European directive 89/686/EEC. Certification tests have been conducted according to the specifications set by the said directive, regulating

The conditions for the release on the market and the fundamental safety requirement for third category Personal Protective Equipment (PPE). The CE mark denotes

compliance with the fundamental requirements for health and safety. EN 250: 2000 for body harness that provides diver with a device for fixing the tank to body. It has not to be used deeper than 51m



WARNING

BCD is not a breathing device. Never breath from a BCD.

Your BCD may contain gas residue, liquid, or contamination that may result death if inhaled



WARNING

In accordance with European standards, our BCs can only be considered certification where all components are present, as per the original EZDIVE configuration, including the low pressure

hose supplied. Any variation of the original configuration invalidates conformity to European certification standards.

3. Important notice

1. Use the equipment according to the instruction of the manual

2. Use of the equipment is limited to the uses described in the manual or for the application approved in the writing of EZDIVE

3. Cylinders must only be filled with atmospheric compressed air, according to the EN 12021 norm. Should moisture be present in the cylinder, beside causing corrosion of the cylinder, it may cause freezing and subsequent malfunction of the regulator during dives carried out in low temperature conditions (lower than 10° C). Cylinders must be transported according to local rules provided for the transport of dangerous Goods. Cylinder use is subjected to the laws regulating the use of gases and compressed air.

4. Equipment must be serviced by qualified personnel at the prescribed intervals.

Repairs

And maintenance must be carried out by an Authorized EZDIVE Dealer Service facility and with the exclusive use of original EZDIVE spare parts. Should the equipment be serviced or repaired without complying with procedures approved by EZDIVE or by untrained personnel or not certified by EZDIVE or should it be used in ways

and for purposes other than specifically designated, liability for the correct and safe function of the equipment transfers to the owner/user.

EZDIVE refuses all responsibility for damages caused by non-compliance with the instructions contained in the manual



WARNING

Always perform a pre-dive or post-dive check of the BCD

4. General information

Primary purpose of the Buoyancy Compensator

The primary purpose of a Buoyancy Compensator is to make you more comfortable by enabling you to maintain neutral buoyancy at depth. You are neutrally buoyant when you maintain a specific depth without expending significant physical effort prevent an ascent or descent from that depth.

Product information

30IB SEAL is suitable for recreational divers and dive shop use.

50IB SEAL is suitable for technical explorers, no matter you are a cave, wreck or deep diver.

CHAMELEON is suitable for recreational and twin tank divers.

Made out of robust and durable materials for maximum resistance to punctures and abrasions.

-Totally adjustable, affords unparalleled custom fit for every individual; uncluttered chest area

delivers

unrestricted movement for the arms and shoulders.

-Less BC results in reduced water displacement, consequently decreasing the amount of weight needed, making the dive more enjoyable and safer.

-Easy to take apart and pack away for traveling - allows you to dive comfortable with a BCD of superior quality and design.

-Back plate shifts the weight to the center of gravity improving diving trim and again reducing the weight on the weight belt.

SEAL MATERIALS

-1680D nylon non-fade outer bag .

-420D bladder material,solution dye.

-YKK zipper.

-316 Stainless steel backplate/
Aluminum backplate

CHAELEON MATERIALS

-1680D nylon non-fade wing

-YKK zipper.

-316 Stainless steel backplate/
Aluminum backplate

FEATURES:

-Streamlined,prevents unnecessary drag and minimizes swimming effort.

-Perfect fit for all divers and diving systems.

-Storage pack provides storage for alternate lift and signaling devices.

-Rear over-pressure valve, makes it effortless to vent gas during the dive.

-Small toggle on over-pressure valve makes it easy to locate, even with

thick cold water gloves.

-Stainless steel/Aluminum I back-plate and D-ring.

-SEAL 360 shape wing design ensures quick balance/ CHMELEON U shape wing design gives more balance when diving with multistage

-manual dump valve

-Easily replaceable bladder.

-SEAL 30IB maximum lift capacity can be used only in single tank configuration.

SEAL 50IB maximum lift capacity can be used only in twin tank configuration.

CHAMELEON 37Ib maximum lift capacity can be used in single tank , twin tank and sidemount tank configuration

-Quick-adjustment weight pockets ensure best balance



WARNING

Do not use BC as a lift bag for bringing object to surface. These object may get loose when ascent Causing uncontrolled ascent.

5 . Setup

SEAL BCD SETUP

Assemble the single tank



Assemble the double tank



CHAMELEON BCD SETUP

Assemble the single tank



Assemble the double tank



6. Adjustment of the BCD

Proper placement of the backplate

确保恰当的背板高度,手需要能够到背板



Allowing for at least two fingers of the spacing between the harness strap and your exposure suit

调整肩带长度, 允许至少 2 个手指可以伸入肩带和潜水衣之间



Locate the proper location of the Chest D-rings

调整恰当的胸前 D 型环位置



Adjusting rear triglide fastener and crotch strap

调整裆带长度



Locate the proper location of the rear

D-ring

调整裆带 D 型环的位置



Adjustment of the left hip D-ring position

调整左侧腰带 D 型环位置



Adjustment of the proper location of the waist buckle

调整腰扣的恰当位置, 位于身体右手侧



Adjustment of the position of primary light and backup light

调整主灯和备用灯的位置



7. Weight system

EZDIVE BCD use stainless steel backplate or weight pockets as the ballasting systems. You can adjust the balance by moving the position of the weight pockets.

Stainless steel backplate : 2.85 kg

不锈钢背板重量: 2.85 公斤



Primary weight pocket

主配重袋, 可快卸



Trim weight pocket

姿态调整配重袋



Place for trim weight pocket

固定姿态配重袋的位置



WARNING

Backplate weights and weight pockets are not designed to be released in an emergency. Failure to create adequate positive buoyancy in an emergency situation may result in injury or death. The user of the BC must ensure easily and rapidly BCD takeoff on surface in the situation of no gas supply and BCD leak. Please do the exercise under direct supervision of recognized diving instructor.

WARNING

The user of the BCD must not carry excessive weight. The loss of buoyancy may result in injury or death. The user must always dive with a buddy and reserve enough gas for ascent

8 . BCD valve

The BCD has oral valve and manual dump valve. The user must obtain proper dive training from recognized dive agency before using the BCD.



The over pressure valve

The over pressure valve prevents over-inflation of the BC. If the internal pressure exceeds the spring pressure in the over pressure valve,the valve opens automatically to release the air.



WARNING

Keep water out of the inflatable air cell of the BC. Repeated use of the oral valve or the Overpressure Valve may allow water inside the BC, reducing the amount of buoyancy provided by the BC. This could result in injury or death. Drain all water out of the BC prior to every use.

9. BCD examination procedure

WARNING

Do not use BCD that does not pass the prediving, diving and postdiving examination points

Prediving Visual check

1. Examine the entire BCD for cuts ,punctures, excessive abrasion,missing hardware
- 2 .Inspect power inflation valve, dump valve and overpressure valve for crack and damage
3. Operate the inflation valve, dump valve and overpressure valve
4. Inflate the BC with oral valve until it is firm. Wait 30 seconds.Check the BC

for loss of air.

5. Soak the cylinder band(s) and fit to scuba cylinder, pull up on the BC while attached on the SCUBA cylinder, checking that the BC will not slip while diving.

6. Check the weight system of the BCD

7. Check the valve operation and visually inspect your BCD and your buddy's BCD.

WARNING

DO NOT DIVE with a BC that is damaged, leaks air, or does not function properly. Terminate any dive as safely and quickly as possible if the BC becomes damaged, leaks air, or does not function properly.

Post-Dive :BC Cleaning an examination and Storage

With proper care and service, your BC should provide years of enjoyment. Maintenance and care procedures must be observed and are as follows.

1. Rinse the BCD thoroughly in fresh water. Do not use aggressive solvent and/or cleansing liquid

* Fill the BC Inner Bladder, approximately 1/4 full with clean fresh water through the Oral valve.

* Orally inflate the BC and shake to distribute the water inside of the BCD

* Rinse the entire BCD with fresh water by dipping in a tub

* Rinse all the valve to make sure all the sand and debris is removed

2 Dry the BCD. If hanging ,make sure the it is not in direct sunlight. Dry

completely if storing. Slightly inflated.

WARNING

Avoid prolonged or repeated exposure to chlorinated water.

10 . Storage

Store your BC, after it has fully dried, by partially inflating and then placing it in a cool, dark location. Ultraviolet rays will shorten the life of the fabric and cause colors to fade.

Inspection and Service Interval BC should be inspected and maintained at an Authorized Service Center at least once every two years, and more often if you dive frequently. Any damage caused due to failure to properly maintain the BC is not covered by the warranty.

WARNING

Due to heavy usage, BCs used for rental/diving centers, professional purposes or other intensive use must be checked at least every 6 months. Overall conditions and main safety parts such as the bladder, valves, elbow, corrugated hose must be inspected.

11. Warranty

EZDIVE offer 5 years warranty for the valves, bladder and the corrugated hose.

EZDIVE offer 2 years warranty for dive shop use

Warranty claims must be returned with All dated proof-of-purchase to an Authorized EZDIVE Dealer. Product serial number and the

proof-of-purchase must match.

Visit www.ezdivegears.com for the dealer nearest you.

warranty does not cover:

- Loss.
- Defects, damage or deterioration due to wear and tear to excessive or collision
- Damage caused by exposure to heat, prolonged sunlight or corrosive chemicals.

- Damage due to poor maintenance, over use, alteration, negligence

- Damage due to repair by someone other than EZDIVE or an Authorized

EZDIVE Dealer.

- Issues with look that do not affect function of the product are not covered under warranty.

EZDIVE 浮力控制器操作手册

感谢您购买 EZ SEAL/变色龙浮力控制器 (BCD)，我们的产品选择耐用的材料，使用先进的科技，相信您一定能感受到我们的产品所带来的优越性能
如果您有任何问题欢迎通过邮件联系我们
ez_diving@hotmail.com

WARNING

在使用产品前请阅读该手册。建议您保存该手册以备查阅

WARNING

当潜水前，您必须参加潜水协会课程学习潜水理论和技巧，并且遵守潜水规则

WARNING

本手册并不是潜水教材！

2. CE 认证

所有 EZDIVE BCD 都已经根据欧盟 89/686/EEC 法令获得 CE 认证，本产品符合潜水安全和健康标准。

EN 250: 2000 背带式浮力控制器，将气瓶和潜水员相连接，最大使用深度不超过 51 米

WARNING

BCD 不是呼吸装置，请勿使用 BCD 呼吸。
BCD 内可能含有废气，液体或者污染物，如果被吸入，可能导致严重后果

WARNING

根据欧盟标准，BCD 只有在全部配件齐全时才能符合证书上对安全的要求标准。包括：低压充气管，充气阀和排气阀等。任何对 BCD 的改造将不符合欧盟认证标准。

3. 重要提示

1. 在使用前认真阅读使用守则
2. 使用调节器必须按照本手册的指引
3. 潜水气瓶只能充填符合 EN12021 标准的气体，如果湿气进入气瓶，会导致气瓶腐蚀，同时也会导致调节器在寒冷水域结冰而发生故障（低于 10 度的水域）

4. BCD 必须由 EZDIVE 授权经销商进行维修保养并且使用 EZDIVE 提供的配件。如果非授权人员进行维修保养，将导致保修无效。如果将 EZDIVE BCD 用于非指定用途，EZDIVE 将不承担任何责任
EZDIVE 拒绝对任何不遵守本手册规定而造成的损伤负责

WARNING

在使用 BCD 前后都需要进行检查

4. 概括信息

浮力控制器（BCD）的主要用途
浮力控制器的主要用途是让潜水员在水下可以很轻松的保持中性浮力，在水面保持正浮力

产品信息：

30IB SEAL 适合休闲潜水和潜水店使用
50IB SEAL 适合技术潜水，无论你是深潜，洞穴还是沉船潜水员。同时也适合潜水店使用

CHAMELEON 适合休闲潜水和普通双瓶潜水（单层气囊不适合探索潜水）

-完全可调节，可以根据个人身材调整到完全贴身手脚活动轻松

-恰当容积，从而减少了所需要的配重量，让潜水更加轻松和安全

-容易拆卸，方便旅行携带

-背板提高重心位置，在水下更容易达到水平

SEAL 材料

-1680D 尼龙布外层

-420D 内胆

-YKK 拉链

-316 不锈钢背板/铝板

CHAMELEON 材料

-1680D 尼龙布

-YKK 拉链

-316 不锈钢背板/铝板

特点:

- 流线型减少游动阻力
 - 适合所有潜水员的身材
 - 储物包方便整理潜水物品
 - 后置式排气阀，方便游动时调节浮力
 - 排气阀的绳子配带小球。即使在冷水也可以轻松找到
 - 不锈钢背板和D型环
 - SEAL 360 结构反应灵敏，保证迅速平衡。
- CHAMELEON U 型结构，保证多阶段气瓶潜水时的平衡
- 后置排气阀，确保气囊的气体可以完全排除
 - 气囊容易更换
 - SEAL 30 磅浮力适合单瓶潜水，SEAL50 磅适合双瓶潜水，CHAMELEON 最大 37 磅浮力，可以调整单瓶，双瓶和侧挂配置
 - 快速调节配重袋确保水下达到最佳平衡

WARNING

不要使用 BCD 作为打捞袋，将重物带到水面。因为如果重物松脱，可能导致潜水员控制不住的上升

5. 组装 (图片参见英文版本)

6. 调整 BCD (图片参见英文版本)

7. 配重系统 (图片参见英文版本)

EZDIVE BCD 使用不锈钢背板或铅块配重袋来作为配重系统。你可以调整配重袋到合适的位置来调整平衡

WARNING

不锈钢背板和配重袋无法在紧急情况快卸。在紧急情况下如果不知道如何建立正浮力可能导致受伤或者死亡。所有使用 EZDIVE BCD 的潜水员必须可以在失去气源以及 BCD 漏气时在水面脱掉浮力控制器。请在潜水教练的直接监督下进行此项练习

BCD 的使用者切勿使用过多配重。否则失去浮力可能导致受伤或者死亡。使用者必须和同伴一起潜水并且保存足够气体用于上升

8. BCD 阀门

BCD 有口吹阀门和手动放气阀。使用者必须在使用 BCD 前获得恰当的训练

防爆阀

防爆阀是为了防止对 BCD 过度充气。如果 BCD 内部压力超过防爆阀弹簧压力，防爆阀会自动泄气。

WARNING

BCD 气囊内水应该排干。使用口吹阀门和泄压阀都会导致水进入 BCD，从而减少 BCD 的浮力效果。这可能导致受伤或者死亡后果。每次使用 BCD 前后，切记将 BCD 的水排空。

9. BCD 检查程序

WARNING

使用 BCD 潜水前后，必须对 BCD 进行检查潜水前的视觉检查

- 1 检查 BCD 是否有被划伤，被刺穿，过度磨损以及丢失配件
- 2 检查低压充气阀，手动放气阀和防爆阀接口是否牢固
- 3 操作低压充气阀，手动放气阀和防爆阀，检查是否正常
- 4 用嘴向 BCD 内吹满气，然后等 1 分钟左右，看是否漏气
- 5 因为尼龙气瓶带遇水会延伸，所以先气瓶带放到水里泡湿后，再连接到气瓶上，调整合适的长度，确保气瓶带不会从气瓶上脱落。
- 6 检查 BCD 配重系统
- 7 检查同伴的 BCD

WARNING

不要使用漏气，损坏或者无法正常工作的 BCD 进行潜水，在潜水时，如果 BCD 出现故障，需要立刻放弃潜水

潜水后 BCD 清理检查程序

如果按照以下程序进行恰当养护，您的 BCD 可以使用多年。

1. 使用淡水冲洗 BCD，不要使用洗洁精或

类似产品

- * 从口吹阀给 BCD 灌 1/4 的淡水
- * 用嘴将 BCD 吹满，让水在 BCD 内来回晃动
- * 将 BCD 泡在水盆内用淡水清洗外表
- * 清洗所有阀门，确保没有沙粒卡住

2. 晾干 BCD，如果悬挂，避免太阳直射。

储存时部分充气。

WARNING

避免长时间浸泡在氯化水中，比如泳池水

10. 储存

将 BCD 完全晾干，然后部分充气，放在凉爽黑暗的地方。紫外线会缩短使用寿命，并且导致褪色

检查和维护周期

BCD 应该至少每两年送到 EZDIVE 的授权维修中心进行检查。如果使用频繁，应该在更短的时间内送去检查。因为没有恰当维护导致的故障不属于保修范围

EZDIVE 对产品提供 2 年的保修服务，正常的使用磨损不在保修范围内

WARNING

如果 BCD 用于潜水中心或者职业教练使用，应该每 6 个月进行一次检查。BCD 总体情况和关键部件都需要进行检查，比如气囊，阀门和低压充气管等

11. 保修政策

EZDIVE 对阀门，气囊和充气管提供 5 年免费保修

EZDIVE 对潜水店使用的 BCD 提供 2 年免费保修

必须向 EZDIVE 的经销商提供产品购物凭证来获得保修，免费保修时间是从购买日期起算
访问 www.ezdivegears.com 来了解最近的经销商

保修不涵盖：

- 丢失
- 因为过度使用导致的故障，损坏或者老化

- 因为过热，长时间暴晒和化学物质腐蚀导致的损坏
- 因为 EZDIVE 及经销商专业人员以外的人士维修导致的故障
- 不影响使用的外观损坏，比如线头